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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Mouafak ZAHER

Serial No.: New

Filing Date: January 22, 2002

For: MULTI-PHASE FLOW PUMPING MEANS AND RELATED METHODS

PRELIMINARY AMENDMENT

Assistant Commissioner of Patents  
Washington, D.C. 20231

Sir:

Prior to initial examination, please amend the above-identified application as follows:

IN THE SPECIFICATION

Please insert the following sentence on line 1, immediately following the title:

- This is a nationalization of PCT/NZ00/00134, filed July 21, 2000

and published in English. --

IN THE CLAIMS

Please amend claims 3-5, 7, 9-12 and 15-17 as follows:

3. (amended) A Pumping arrangement as claimed in claim 1 wherein said  
power providing means is an electric motor.

4. (amended) A Pumping arrangement as claimed in claim 1 wherein said fluid connection is a bleed line to bleed a portion of said fluid from the outlet of said centrifugal pump to the inlet.